

CURRICULUM VITAE

Jennifer Lynn Taylor-Cousar, M.D.

I. Personal History

Present Position Rank: Assistant Professor, Department of Medicine, National Jewish Health

Present Address: 1400 Jackson Street, J327
Denver, Colorado 80206

Citizenship: USA

Marital Status: Married

II. Educational History

Stanford University, Stanford, California
Bachelor of Arts, Human Biology, June 1993

Duke University Medical Center, Durham, North Carolina
Doctor of Medicine, May 1998

Internship and Residency, Internal Medicine and Pediatrics, Duke University Medical Center
June 1998-June 2002

Fellowship, Adult and Pediatric Pulmonary Medicine, Duke University Medical Center
July 2002-July 2006

III. Professional Positions

8/2006-8/2009 Assistant Professor, Adult Cystic Fibrosis Programs Director,
Associate CF Center Director
University of New Mexico, Albuquerque, NM

9/2009 – Present Assistant Professor, Department of Medicine
National Jewish Health, Denver, CO

Licensure and Board Certifications

8/2009 Colorado State Medical License - #48114

11/2008 ABP, Subspecialty in Pediatric Pulmonary Disease- #622107

10/2006	ABIM, Subspecialty in Pulmonary Disease - #224593
8/2006	New Mexico State Medical License - #MD2006-0579
8/2004	American Board of Internal Medicine - #224593
8/2002	American Board of Pediatrics - #622107
8/2002	North Carolina State Medical License - #2002-01186

IV. Honors and Awards

8/2009	Cystic Fibrosis Research Institute Professional of the Year Award Redwood City, CA
7/2009	Selected participant, AAMC Early Career in Medicine Early Career Women Faculty Professional Development Seminar Washington, DC
5/2008	Clinical Trials Center New Investigator of the Year Award Albuquerque, NM
7/2006	Duke University Pulmonary Fellowship Scientific Achievement Award
10/2005	2 nd Place, Fellows' Clinical Research Presentations, Respiratory Disease Young Investigators Forum
1/2005	GRC Carl Storm Underrepresented Minority Fellow
10/2004	American College of Chest Physicians Fellows Travel Award ACCP Conference
4/2004	American Academy of Pediatric Pulmonology Fellows Travel Award Pediatric Pulmonary Conference
2003-2004	Cystic Fibrosis Foundation Clinical Fellow Durham, NC
7/2001	Hubert Scholar, Duke University International Health Program Durham, NC
8/1999	National Institutes of Health/National Medical Association Travel Award NMA Conference
5/1997	Best Medical Student Abstract, Department of Anesthesiology Academic Evening Duke University, Durham, NC

1996-1997 Four Schools Physician Scientist Research Scholar
Duke University, Durham, NC

1994-1998 Dean's Tuition Scholar
Duke University, Durham, NC

V. Professional Affiliations

Current Member, American Thoracic Society
Fellow, American College of Chest Physicians
Fellow, American Academy of Pediatrics

VI. Professional Service and Committees

A. Institutional and Departmental Committees

8/2008-8/2009 Co-Chair, Minority Women in Medicine Committee
University of New Mexico
2006-2007 Member, Minority Women in Medicine Committee
University of New Mexico
6/2008-8/2009 Child Health Research Action Group
University of New Mexico

B. Local Service

4/2008 Speaker, CF Microbiology
Infectious Disease Fellows' Conference
University of New Mexico
Fall 2006-2009 Speaker, Adult CF
Internal Medicine Residents' Conference
University of New Mexico
Summer 2006-2009 Speaker, Adult CF and Pulmonary Complications
of Severe CF Lung Disease.
Pulmonary Fellows' Conference
University of New Mexico
10/2007 & 2008 Speaker, How to Apply for Residency
University of New Mexico MWIM Conference

2007-2009	Board Member, New Mexico CFF Chapter
5/2007	Speaker, CF Management and Microbes: The Old and New New Mexico Thoracic Society Conference
10/2006 & 2007	Speaker, CF Fundraising Benefit Albuquerque, NM
12/2003	Speaker, 2003 National Cystic Fibrosis Meeting Clinical Review Duke University Medical Center
C.	National Service
5/2009-Present	2010 Clinical Problems Program Committee American Thoracic Society
5/2008-Present	Health Policies Committee American Thoracic Society
4/2007-Present	Mountain West Cystic Fibrosis Consortium Steering Committee
5/2009	Facilitator, Thematic Poster Session “Adult Cystic Fibrosis” American Thoracic Society International Conference
4/2009	Chair and Moderator Mountain West CF Consortium Conference
10/2007	Moderator, “Asthma and Cystic Fibrosis” roundtable North American Cystic Fibrosis Foundation Conference
5/2005	Presenter, Case Presentation: Chronic Granulomatous Disease. Pediatric Clinical Images Session American Thoracic Society International Conference
10/2004	Speaker, Case Presentation: Lymphangiomyomatosis. Chest Radiology Session American College of Chest Physicians Conference
10/2003	Speaker, Chronic Pain in Cystic Fibrosis. Fellows Symposium, North American Cystic Fibrosis Foundation Conference

VII. **Review and Referee Activities** (editorial boards, ad hoc reviews, book reviews, NIH study sections)

Current	Ad hoc reviewer Human Immunology American Journal of Respiratory Cell and Molecular Biology
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VIII. **Teaching Activities**

A. Graduate and Medical School Lectures

12/2008	Genetics of Cystic Fibrosis	University of New Mexico
11/2007 & 2008	Cystic Fibrosis Case Wrap-Up	University of New Mexico
5/2008	Adult Cystic Fibrosis Management	Central New Mexico Community College
5/2007-2009	Asthma Case Wrap-Up	University of New Mexico
4/2008	Topics in Pediatric Pulmonary Disease	University of New Mexico
10/2007	Cystic Fibrosis 101	University of New Mexico
11/2006	Asthma in Adult & Pediatric Patients	Emergency Medical Services Academy University of New Mexico
11/2006	Hemoptysis in Adult & Pediatric Patients	Emergency Medical Services Academy University of New Mexico
11/2004	Cigarettes and Second Hand Smoke	Duke University Medical Center
5/2003 & 2004	Lung Transplantation in Cystic Fibrosis	Medical Student CPC Lecture Series Duke University Medical Center

B. Medical Student Mentor/Postdoctoral Fellows

2007-Present	Elena Griego, Medical Student Medical student research project: The Effect of sildenafil on the pH of exhaled breath condensate in cystic fibrosis
2006-2008	Karen Miller, MD, Pulmonary Fellow Program in Adult Care Excellence Grant, CFF June 2008.

IX. Research Grants, Contracts, and Special Grants

A. Current Research Grant Support

TAYLOR08AO CFFT Title: The Role of Sildenafil in CF Lung Disease
Role: Principal Investigator
07/01/08-06/30/2010

BXVM5217 NIH Title: The Role of Phosphodiesterase Inhibitors in
Mild-Moderate Cystic Fibrosis Lung Disease
Role: Principal Investigator
07/01/08-06/30/2010

B. Previous Grant Support

C073-TDC09Y CFFT Title: Therapeutics Development Network Expansion-
University of New Mexico
Role: Principal Investigator
01/01/2009-08/31/2009

Solvay Clinical Investigator Title: Protocol Number S245.3.128 – An open label,
multi-center study to assess the safety and tolerability
of Pancrelipase delayed release capsules in infants and
children less than seven years of age with pancreatic
exocrine insufficiency due to cystic fibrosis
Role: Principal Investigator – University of New Mexico
08/23/2008-08/31/2009

Cystic Fibrosis Center Grant Cystic Fibrosis Foundation
Role: Principal Investigator
07/01/2008-08/31/2009

Solvay Clinical Investigator Title: Protocol Number S245.3.127 – A double-blind,
Randomized, multi-center, cross-over study to assess
the efficacy and safety of Pancrelipase delayed release
capsules 12,000 in subjects 7-11 years old with
pancreatic exocrine insufficiency due to cystic fibrosis
Role: Principal Investigator – University of New Mexico
06/13/2008-08/31/2009

Asuragen Clinical Investigator Title: Asuragen CF Expand Study Project
Role: Subinvestigator – University of New Mexico
04/24/2008-08/31/2009

Gilead Clinical Investigator Title: Protocol EA-US-205-0111 – Expanded access program
For Aztreonam Lysine for inhalation in patients with cystic
Fibrosis and *Pseudomonas aeruginosa* airway infection who

have limited treatment options and are at risk for disease progression.

Role: Principal Investigator – University of New Mexico
03/06/2008-08/31/2009

Pediatric Research Committee Grant Title: the role of phosphodiesterase inhibitors in mild-moderate CF lung disease.

Role: Principal Investigator
11/12/2007-08/31/2009

University of New Mexico
Clinical Translational
Science Center Career
Development Award

Title: The role of phosphodiesterase inhibitors in mild-moderate CF lung disease

Role: Principal Investigator
11/01/2007-08/31/2009

Clinical Investigator

Title: Genetic Modifiers of Cystic Fibrosis – Multi-Center study investigating the role of genetic modifiers in CF through enrollment of twins and siblings with CF.

Role: Principal Investigator – University of New Mexico
08/07/2007-08/31/2009

Clinical Investigator

Title: Multicenter investigation of the role of genetic modifiers in Cystic fibrosis lung disease.

Role: Principal Investigator – University of New Mexico
11/09/2006-08/31/2009

Transave Clinical Investigator

Title: Protocol Number TR02-106 – Multidose safety and Tolerability study of liposomal amikacin for inhalation (Arikace™) in cystic fibrosis patients with chronic infections due to *Pseudomonas Aeruginosa*.

Role: Principal Investigator – University of New Mexico
09/17/2007-04/30/2009

Genentech Clinical Investigator

Title: Topic Z3877g Pulmozyme Study – Multicenter, Phase IV study investigating the effect of Pulmozyme on exercise tolerance in patients with severe CF lung disease.

Role: Principal Investigator – University of New Mexico
04/23/2007-12/31/2008

CR073-CRF06A CFFT

Title: Clinical Research Facilitation Award – Expand CF clinical research capability at University of New Mexico.

Role: Principal Investigator
12/01/2006-11/30/2008

WNMY4293 NIH

Title: Genetic modifiers in cystic fibrosis lung disease – Investigating the role of genetic modifiers in severity of cystic fibrosis lung disease.

	Role: Principal Investigators 07/01/2005-06/30/2007
1 F32 HL82207-01 NIH/NHLBI	Title: Genetic modifiers in cystic fibrosis lung disease – investigated the role of genetic modifiers in severity of cystic fibrosis lung disease. Role: Principal Investigator 07/01/2005-07/30/2006
G050001972 GSK	Title: Genetic modifiers in cystic fibrosis lung disease Role: Principal Investigator 07/01/2005-07/30/2006
Hubert Fellowship	Title: International Health Scholar Program Investigated the incidence, impact and testing options for HIV in a referral hospital in Tanzania. Role: Principal Investigator 07/01/2001-09/16/2001
Four Schools Research Scholarship	Title: Four Schools Physician-Scientist training program Grant – investigated the role of heme oxygenase-1 in hyperoxic lung injury. Role: Principal Investigator 09/01/1996-08/01/1997

X. Bibliography

Peer Reviewed Articles

1. Taylor-Cousar JL, Zariwala MA, Burch LH, Pace RG, Drumm ML, Calloway H, et al. Histo-blood group gene polymorphisms as potential genetic modifiers of infection and cystic fibrosis lung disease severity. *PLoS One*. 2009;4(1):e4270. PMID: 2627933.
2. Ornatowski W, Poschet JF, Perkett E, Taylor-Cousar JL, Deretic V. Elevated furin levels in human cystic fibrosis cells result in hypersusceptibility to exotoxin A-induced cytotoxicity. *J Clin Invest*. 2007;117(11):3489-97. PMID: 2030457.
3. Poschet JF, Timmins GS, Taylor-Cousar JL, Ornatowski W, Fazio J, Perkett E, et al. Pharmacological modulation of cGMP levels by phosphodiesterase 5 inhibitors as a therapeutic strategy for treatment of respiratory pathology in cystic fibrosis. *Am J Physiol Lung Cell Mol Physiol*. 2007;293(3):L712-9.
4. Ole-Nguyaine S, Crump JA, Kibiki GS, Kiang K, Taylor J, Schimana W, et al. HIV-associated morbidity, mortality and diagnostic testing opportunities among inpatients at a referral hospital in northern Tanzania. *Ann Trop Med Parasitol*. 2004;98(2):171-9.

5. Taylor JL, Carraway MS, Piantadosi CA. Lung-specific induction of heme oxygenase-1 and hyperoxic lung injury. *Am J Physiol.* 1998;274(4 Pt 1):L582-90.
6. Carraway MS, Ghio AJ, Taylor JL, Piantadosi CA. Induction of ferritin and heme oxygenase-1 by endotoxin in the lung. *Am J Physiol.* 1998;275(3 Pt 1):L583-92.

Abstracts

1. Amarante M and Taylor JL. Endobronchial instillation of Tobin[®] following bronchoscopy during bronchoalveolar lavage (BAL) in two cystic fibrosis (CF) patients results in measurable serum concentrations of tobramycin. Poster Presentation: Pediatric Pharmacy Conference, Sept. 2006.

Other Publications

1. **Taylor-Cousar JL.** Hypoventilation in Cystic Fibrosis. *Semin Respir and Crit Care Med.* 2009;30(3):293-302.
2. **Taylor JL** and Palmer SM. A Critical Care Perspective on Immunotherapy in Lung Transplantation. *Journal of Intensive Care Medicine.* 2006;21(6):327-344.
3. **Taylor JL** and Palmer SM. Mycobacterial Abscessus Chest Wall and Pulmonary Infection in a Cystic Fibrosis Lung Transplant Recipient. *Journal of Heart and Lung Transplantation.* 2006;25:985-8.
4. **Taylor JL,** Quinones Maymi DM, Sporn TM, McAdam HP and Wahidi MW. Multiple Lung Nodules in a Woman with a History of Melanoma. *Respiration.* 2003;70:544-48.